# AVATION

The Oldest American Aeronautical Magazine

FEBRUARY 15, 1926

Issued Weekly

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VOLUME

## SPECIAL FEATURES

BOY SCOUTS STUDY AVIATION

GERMAN AIR TRANSPORT COMBINE

LINES OF POSSIBLE AERONAUTICAL DEVELOPMENT

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225 FOURTH AVENUE, NEW YORK
Exterol as Second-Class Matter, Jery, 28, 1970, at 189 Jen 10 Sec. at 10 technol, N. T.







## The Product of 55 Crafts BEFORE a plane takes the air 55 separate crafts have contributed to its fabrication, each re-

A miles extremely to the teachers of the control of the public passengers and cargo. Corrollarly, the building of aircraft is not a responsibility which should ever be attempted where there is the alighest dearth of tunined cafesmen, "air-wise", and thoroughly experienced in meeting and and thoroughly experienced in meeting and officers. Admin aircraft are built in a place which maintains its are temporate staff of more than 700.

aircraft-trained arrisms, in an air center which has available in all two thousand experienced plane workers. The margin of safety in labor conditions thus

The margin of safety in labor conditions thus affonded is just as valuable to the plane purchaser as the margin of safety provided by Martin Engineers in the design of each part of a Martin airplane.



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## WACO



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ADVANCE AIRCRAFT CO.

AVIATION

VOL XX NO 7

#### SPEED WITH SAFETY



#### THE CURTISS LARK SERIES

Connecced evention in the United States is centrary a period of transition.

The INs. Standards and other earsies wer marketes, which have been applied to the companyed operator at low proces and which have done much to popularize flying, and accomplished the and of their To meet this changing condition several medianes with better perferences and relativity loss review have been developed around the OX motor. Though their machines are serving a very supertion parpose, the past year has created a downed for a machine of rell higher performance capable of carrying capitada of

The Air Mail feeder less require such performance. The Curtiss Plying Service, Inc., which has just completed its soon executively year with over 173,000 miles of paid commercial flying, rejects an increasing demand from the fixing public for machines of greater speed and carrying capacity with a longer fying range.

And the arrow reat he foreigned without a realized increase in contration costs or costal expense.

Web a chose of three religits money. Currier C.6 160 by Hisman 180 by Woods Whatevard 200 and maintenance, with meterchangeabelay of parts caver before documed possible in nexcepture construction, with figure characteristics that are a delight to the pilot, the Lark screen particularly fitted to fill a necessarily

Write for Cursin Lork Series Bucklet

Curtiss Aeroplane & Motor Company, Inc. GARDEN CITY, N. V.

When France to Adordana, Plant Montes AVACTION

February 15, 1926

PERSONNEL IN 1800 AVIATION

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		COMPANY, Inc., Publishers	

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SCINTIELA

The Weeks Toronto 600 km crosses showing the two Type AG-12 D seasons Agersit Magazzos, to the state of maker described about about

A IRCRAFT Engineers and Plices must upon agrition equipment of the utracet dependability. BECAUSE SCINTILLA Aircraft Magneton have notably met this requirement they have been adopted for most of the modern

Comparton to the U.S. Army and Navy.

SCINTILLA MAGNETO COMPANY, INC. Factory and Offices SIDNEY, NEW YORK

Flow Friding to Advertoors, Flow Number AFLOTION

American redesiry and commercial compress.

February 15, 1926

Ess. D. Onnes Garner November

**AVIATION** 

W. Laconnec LaPara

PRINCIPLE MODILITIES

FEBRUARY IS 1926

The Boy Scouts and Aviation

T IS OF more than coming induced to note the enterior 4mind effects which are now bear made by the officials namendedness. The institution of an Aviation bedge is not In the past, this has not been possible owing to the Hustal sphere for precised retroity in this field but this condition the sixthers. And this supported combition has not been

The extended interest which is being encouraged in blady to possessy presention of buys, if will be seen what a marked upon the skewindolesso of fotgos precedings. Each a condiffer council but have a very complicant effect upon the fa-

Errors of Judgement say since true of plane, a pure experienced what and one with better framen, is counted for prester and to. It does errors in radicious). Different types of phone require vary-Bud printing undoabtodly exists and always will exist, but, in a straight loss, it would apparly simplify painting. Many These has been a tendency on the part of designers of all-

where to sector their efforts saidy around obtaining any time or moon to decrine.

proved performence in their products and, as a consequence that is operated. This speed, while above record to eadesign. The medition west continue

Foreign Purchases

THE DEVELOPMENT of seconds depends your more then the more spending of money. Versal chindred conditions dendry different schools of thought and would be great needed of beautis have torsed toward classes of their TT 18 CLAIMED, by competent embowsies, that at least out types of places. The United States for compete has enough to stress to its absort the development of every type and method of countrastics. Even if one country had attempted this, other countries, with different fundamental percepture, would be seeded to contribute original ideas. "c.

> advanced tenes of foreign planes, paylenhally those which concentrate was structural methods. A small number of toyolor, wise, the moral passhaus of Carbon engines by the British Air. providity that more forces environment our exercisists of



Dependable Engines



CANTENS DACE THE

MUNICIPAL FIELD AND CONNECTICUT HIVE

Flore Frienz in Administra, Plante Manton ALLETON

How 800,000 Borr, Are Receiving the Training Aviators Need.

with the American. It is prepared that nothers of en-operation by fallowed by the Sidness Advincer Committee of the Eury Scouts. Over \$00,000 here are now being per is even now liking down the most with his some troop, and that on Eddin Hillarcharker of temperate, in a block touch

What the Secon Learns Here are some of the through floorling is tending young Appropriate who will be the filter and moved breakers of to-Skill Every tenderfast most fare a square knot before he receives his tenderfoot before. A hey noted conhealt a fire to the once with no maichte at all, one cital has Builting the enumber bouckelfler in the service of these

By E. S. MARTIN, Secretary Edward Steed Flow Scott of Assessed cal Association has a plan whereby the seasts may empressive

#### To be Instructed by Air Officers

The Street, who are proposed in tentre persons, are to re-I Arribes construction and types, 2. Engine assembly and reservedniane, 5 Simple principles of autobreautors & and immercialate, a temper principles of incorporation, it.

I have ples of meteorology, ft. What to do to ascard at a formal
inciding, ft. Arrenya and leading fields. in the nir, understand its operations and managemen from other conditions of variable; judge board, speed one share refer of deads, and grants worther conditions and their re-In their turn, the boy wonds will set as guide, manager for their turn, the pay acoust well set as guines, messengers, etc., at normalized conventions. They can be of panelson



At these in critation being given to lary sends by Laut M. C. Korpen, in command of Clever Falls, Cal-embed and Street Experience, S. S. DeCord in attacher of the reals

tion, bey sends easid ready important service along the (I) Markens of meanignal head fields. (Mean air routes are being established throughout the country. Every laves of one proportions to the United States within a presentable (2) Weether reporting. Scools on he of great areas, since by appering weather conflices which sould be danger-(3) Forsed (softners | Second can help errotors, who are

February 15, 1916



Buy south nelscoung the model Plant at Sanths on their nelsco from their playle around the needs. Leastmank Phonlog and Realth may be some in the pilotopage.

(4) Accidents. By reporting and purchasy crucked phonoused made and these an proper emblority arrives to take ever the (5) Night savigation. As night navigation for cryp-densions, her mounts will be able to some in visualline. (f) Expert on ferror. Some recurring and emergence (6) Report to service your removal with past webbown and, of folds such as this and report the condition of the fold Avietos control. There is no legislation in this com-

#### Edo Aircraft Corp. of Long Island

Earl D. Gowen, president of the company, in an employe

reporting, through their hendquarter, the test and inschapt, at any surplices other than Aeroy, Navy or Peet Office, and, then, a religible service would be rendered to the constity (4) Eugatch Emots could recloses pilets at energency fields, there then he the squared transportation system and About 1560 how sough have you their ment before in Avin-

2 The manufesture of a washing model of any type of hearier-thousant modeling, that will by at least 25 pd. 5 A knowledge of the types and makes all angines used

5 Dukentoni the difference between swinters and accomi-The Roy Streets of America hold a doministing place in the

physically, it is training their in skill, resourcefulness, this try and source. It is giving them strong moral qualities hadenhip, leaderskip is whetever field of selletty they are Welcoming home two horses of the air was the pointings of sinhe, and het merburn, Staff Serpenst Alva L. Harrey, an

Notes Dave, of Novemb, N. J., White there, he belond to

#### Travel Air Dealer For New York

A dealer has been appreciated for the dataset of New York by the Trued Air Monafacturing Co of Waters, Kee-

#### Possible Lines of Aeronautical Development Development of Compound Wings. Helicopter Passibilities. THE present advanced states of both available decreased tatue, it is represented to describe now preferred form. Wash

discusses, race expecially as evistics is becoming more and more an imported factor to neglecal defense and in con-There is no immediate demand for surplemes which, though not be birtist banded, minutes a stee bandley money and at the same time have a greater speed range. Each a perform ness coeferation would simplely the publishe of training landar fields and indicativ reduce the ever present hazard

of weather conditions. Fudgets due to banking shocks would commerced as the resident of the Ear displacement due to the sixful and in attendant with a slear face. the letter being to dug to a wind consequences. Breely, the problem amounts the consumers hit with, preferribly, an agreement range of fight surley. It seems backy that a solution lies show the aften by additional weight. If, however, it trees possible to



Fig & ACCOUNTY WAS ARREST that sirfets a delited obsester would be great. This result may be obtained by the randomation of two very then requesting and strictle. In offer, then is a beginne of very suell my stood into, which, for high speed flocks, may be must by an individual operation of the star flaps, or all discount states of the many among most be employed. So many among most be

of the ashous are possible flut, without experience experience-

applied to vertical flight. A precioul solution may be in the condustation of surplane and belongton. Here the time advantages of the strainer need not be discussed with but miler augmented by vertical fight. This combination month support to represent an ideal condition. It is not peacenfor regiond that the leading speed with This leads to an idea. If one trace to meashes an explicac-Cueling with non classing arwards approximately half war

For 3 Block of Milliogram

many of flight angles. In one entireer the barble used was

appreciable augic mage, was noty slight. The results of these reperseasts are not jet available. The employment of

Additional Wing Attachments

mounted to the houseway. For example, in a block upond pacific to considered diagnoss in lander as anderer age pilot's stidl. An amplane, designed to faretion with the cause permitted, by removing the proofs and speed would thursby be recessed. The courts could be figured as a

applied to vertical fight. A practical adulton may be re-

a tied wisch is vertically downward, would clusteric the fundamental representation of threst, left and gravetate and about 49% emuly then the threat force. The opplanten of the prompte is not without difficulties. Probverying the medican charge the spen. The possiblity of draw

setly set at a positive scale of hyddeus relative to the six

minter, on at many he suited, results all verys take off or on give principle, applied to large graft, would persual payrelling from temptical between the total at special engineering with the district formation for which secured, in addition to the means of neft-torque numbers which, being also ngilly for



Out of comment out over some chesper than metal, which fact explains the operational was of excitation, in solic of its ungermely. Ment a new land born developed twice an strong an needlar wooden poor for

Managague Countraction Metal construction may be classifed as a true and tenal weeks especia and manufacturing diffication. In weight as a fullary to be connected as for as properly desired

not loop upo in an experimental pointed wage. The arrange ment, as shows in Fig. 4, appendix an averagible rigid wag trace in Sickely leaded, and way were. Some the depth of nemated had bed it here removed as a cuttinger member of on externally traced may because sold leads are elimented. The discount house tay also some to convert

appliancy size appointed any concerned. (Codoubledly there cost lauring proportions). This has been sub-confisted by

Crit controling or a lorged critical of paymeter the precurrent of invited partit siry less mate. Take for concepts n metal covered nong. It might be commutated as upper and fixed to Fig 0. In other our, additional working spec-

noomided to farm the necessary puriselect number would have been such father. Some every creat which must be used to believe members transmitted become

AVIATION

yet by a suspin tool, either mentally or power operated, in mental, on the head of the outer basic and content the head of

the tension pin to compress the larger perfect of the selec-

dem Experimentation has proved, for this type of rivet, that

som the altimate shape of the swared ends. The westradies

Esperiment Study

rent is inserted and formed from the opposite side with a

tool electer & the one sand for the preceding stret. The

Another expressed has predantly the double story would shows in Fig. 5, where regulate of material is measurements.

February 15, 1926

The design of truly reliable power plants in absolutely executed. In here strokens socialized tower solls assess desirable. It has been suggested that a dust propeller power unit, somisting of two independently controlled opestenzione, an arounted on a common crank man. Propellars

chiments torque. The installation would be portunitely most. The prescripts would not be of supports dissector and to the advantage of managementality, the increin of the A Treater Pusher Type An explane mounting an engine of the above description populiers, would be a trustur pusher. Such a pleas mark enholy a fairly think conflicted lower wing with a cowing be ble that of a Furbon, unless a smaller upper wing in



arrest the tell test. The control cockent or cobbs would from the rear cockpit to the girder and thoses to the wing Safety developments for except are numerous in the peters effor. A recent our has a prefused psychological

that a year test was a complete detachable and controllable gilder. Part of the supporting surface was attached to The similars, a stappered design, was believed in the emissional arrangement and the least unit was balanced understanding. In case of figs or other improving director, the pilint publish a later (sampless presumably in a girls, duction. There would meet to be so under difficulties to be complete significan on a highest and for the law-way money

took earder to the one most for the preceding stree. The happer stone is compressed on sym into a head while the en-monte, in held in bening nedd nipped oil after the operation. The rivet has a casely shaped local. The most evention results now obtained by using a specially direct bend with a topored hole in confunction with an orderer west (To-With our blow the attent stem would fully range in the 10 ). With our blow the smart stem wome range swape on our hole. The river has the appearance of its ordinary job, done plens gloder. The structural difficulties of accessors a stonasof receipt a washer and it applied to accommendate conbut awaren to after room for remulershup from they stand Whether or got, mide from military more, the sale fature for to the gluler part of the machine immediately efter the regit be found once the findented air, sits which the glider is not jut edecated. Enforce popular evision comes into its own, there will be symiable at reasonable prime, safe and

would numeristicly fig. would undoednedly upset, in mean en-These developments and ideas will seem to show at head that there as angels recen for development as seromerabed de-

AVIATION The New German Air Transport Combine

An Amelosmation, in the Interests of Economy, of Two of the Largest Air Transport Systems HE FORMAL analogoustics of the two los Genera are likes in Germany to convertice with other many lines abreed transport enterprises, the Area Dicycl and the Justices and with provincial lines in Germany. Excepting processors, was completed as Jun 5, with the farmerless eight was compension up a next of pool system. In this way

of the new company, known as the Dunbuds Luthanus A. O. it ran the German ordine of the externational line, Lundon construction, giving Geomes six transport the nenblance of noral Airways, Lierked, the Dutch Koninkfells Locktwart salty. Commercial from its Germany has been suspended Martichappin, and (though here the connection was clear) for they must be order that the pressure increasing in the "Bernicht" (Destade Henisthe Laftrajtshames inhalth). Junker Aircraft Interests The Junkers concern, on the other hand, was not interested acidy in air transport. If strything, it was more interested in the construction of the Justice expects. The Justice The concentive bound consists of Herr Mochel and Herr in the neutration of the Justice streets. The Junker Westerly, formerly directors of the Jenn Liepil, and Herr are transport company was the offsyring of the stryling com-

In order to give an idea of the significance of this assolpfor Juchen exceed, quite so much so, if not more than, to perhan to antercebonal my transport, some recognitulation of develop national and interpretated our builto. It was a reso activities been to develop fairly mostly, in suits of the Affield of serving two marten. The system give extended beyond attempt was made to accapanies all its lines under the fifte "Econom-Vuiss," with a capital of \$2,500,000. The Econom-Vuiss, meladed are base in Austria, Switzerland, Denmark. Sitherto covered by Aaro-Dayd & Rishanta commed by Junkery & farma count prints ...... Reheals flows in compatition

Mich, future director of the Junkers company

February 15, 2926

acquieres rame from the Janhara company, their technical by Junkey excepts. The whole of the Kunga-Duon was was to be its absoluted over earlier. The system also cosaled the Allied restroption to be evided to some releast, under families flags. The growth of the enganization began to arrown come uncontained in Rigorge. It began to look the a great are transport assumpting in Contral and northern En-The State Compele Union. The Europe-Union, however, one hardly be said to have exseted as a waited group. It is true that a meeting was held at Drouden on Sout. T but year, but the purposedion was

whole German street) industry. He can a number of main bays a share in the final compony which is to grav out of

at state, as it substituted for Justices transport system as well as the rivel occurre, we its opportunity to brien about or analyzamenton which would not down expenses, increase efficiency, and definedy division sundivision and passenger entrictions, but it developed in a sourceted haphaned manner the sphere of transport almo-After some months of negotiation, the avakenmenton bee here applicated on those from . The new company is parrier yer my rea not seen or their exists in the ministring. The best sourcement on these tignes. The new association is garrier interright transform, as in other countries, was incomed man I retracted company. The duestic exceptation shall be gamelion, and by 20% all the therman six lases had been fixely superate and in on much the new footing on other civiles which the induces of one or other of the two systems manifestations. The disapped-time system, based one for

of which the Designator of one or over or the two systems manufacturers. The Europe-Green system, smed on the one of which the Designator App Lipyd and the Juntom or trans- dissips use of one type of stacking, has collapsed and the port enemany were the directing favor. Local intra-distin principle of conjunction, on the pool system, with freeze and inter-orders six lesses returned their individualities, but here has, for the time being at my rate, here uplotd. Ar-Sormed part of nor rystem or the other through working as: manuscrate with the Garwan provinced lines will also us passyments and ships perfectprion. The two systems were, images to confidence upon the use of one type of medium. State Share in Schouse

ways, and the whole of the system it controlled was bright

The Arm Lived was saide a improper entergrow It was not. The seconds of Imperial Airways has always been in the liast askended to the construction of attenth and it was not much of those interested in the sale on There has, however, beauti diver to any our rate of plane. In the menor we is have succeeding of an other in General are driven against succeeding of an other in General are driven against supplying, in it transpart East, the high Corrans alregheses that the revision, either of a monopoly or of a State occasion. empay, so no tempora sero, the dust termin arysens two the research, excer or a recognity of of a gamma-could be escalated within the limits of the Albel ratio six system. As far as possible face and abjustous are being toon, and it could take its stone from the product of the mot at the new organization. The Solah is apparently to

however, run on endoncy different principles

Geneva

whalse cast for the swange person. These well be con-ferrable and suchased designs for an line operation well lave proper westledies, hast and light as has already been climal in section cases. Concurrent designs must prosign and, in their metapation, the water is decision of advan-ladence the assistance of Alban E. Peck, T. T. Haft, and ide a bick per loof and low depreciation and maintenance

AVIATION will be reteined by the old companies. Thus, the manager will be relative; by the out companies. If is not enterprise the continues of posed that the provincial know shall retain their separate

sfeetites in order to simulate level subcost, and shall be

will be in the breaches and not in the central organization

with sirenariacou and experience

All these relationships, however, are province difficult of un-

One of the most regulated features of flux shaday in the

of one press. A comme presendings was recreated out when a pinne product purhassing. Thus, by this statem, the small

perioquison of the Polycel States and managedition

The Epps Monoplane One of the supplet gad, at the same hime, next astronous

the codepit averaged between the fruit and mer mean way The wine in quartelly speaking, of nemaal construction

getaines, and present plans may have to be modified semadarog 1800, at the ones were offered freepenity in accordance be flown when, according to present accordingto, the acrpasses and public nutberfore. Generally speaking, it may for the opening of two are liberarities i makes, Berkin about routs. Other proposed automous of the refrequenced ere Engli-Genrie, Lendrarit-Vernes, and Berke



The situation which is a good five, was designed and one Afficient the The phone weight 100 on open one there a retaking, connecting through the wangs to the peters' cooky it urns members and view bracing Lordy, the coping is a



A proof feet-make true set to Epo morphic field selt the citady described award Lemmas sense.

February IS, 1920 Prospecting By Air in British Columbia works. Guly one marriage and one negice were and and

During the summer of 1925 some very selecuting fixing made into Scilink Columbia and the Yukon in connection For the purpose the mechant was shoped from Three merce, species, Canda, to Pence Expert, B.C., where it was assembled and form to Denie Loke via Winneyel, Almite and Telegraph Creek, B.C., where a here was calablished



of history, from the proof of harbon. Here, in the Yelper on well and weaker, with high body. Dooing Jess and July, Highly has such at all times of the for and either time of the form of



Tabos pron the Filying on the route from Taligraph Cook & C.

Brough! Alicho: The parkey wer toles at 8000 four while the
mondays at long years 13,000 pt. althout the mosts Assended critically upon moon, good, sharp and

The fixing time from Liand Part to Vancagery was 12

The Official Air Raid Figures



A New First Engine Official Government Indo, exerted out in Bish, convolute healt by the Flot Company. The First A30, which is a tridge-sylvador V-true cape with a direct denote propeller, not all the preferencer re-



weight not exceeding 340 hologouse (318 %), water heliafed

modern water, reconstant home and the starting Acres obtained, the petral economption being 238 grammer (7.77 370 ho had to be nateroised at 2000 revolutions, the average Pilots Take Advantage of Opportunity to Express Views.

Agenut Federal Legislation I would lake to state my disappress) of logislation on small perspectus. I have owned a Jenus and this past fall have done a let of fiving soft J. S. Charles of Windon-Salem. N. C. We went to said from different fairs datas unsequen carryone and also sight fivene with only a brush fire to land cathida of povements service has easy from tarry to tarry, with no enversaged aid, extend ing eviction and interest in eviction. The percentage of fetal accidents in evision compared to any other line of trans-portation in fer less. That arising is a necessary transporration, renylements has not needings to the average man. What better emirantee out the public wish that a place in outs, then I do not know that I could pass an examination for the the reak of a Ceptain in war. Polanti seatest would employ a risk of specialized estation inspectors deserted rescision

State control would only complicate medium more. A please As for store flying, I believe the control to be within the state. B does not recognitate any special swinters law for a state to promiete stanfaur. Occamenal persuits mints he E H Beccurrences, Ja.,

I do not believe to tan statet hour at this time as exterior is too young in this country. I read forester Hirers Bog charling or recites flying in regard to a oretem continues By carefully following a movement of this bled, advertising the fact that we see for "safety," and by beginn the in-We have been flying Cortics JNSD's for the last five yours. for their own good. It would be the happent havet provide Jamiles.

I believe eviation is still too young to be on a good sound parties hads. The day is coming when it is goon up to be a

Believe Federal Regulation Essential We need Federal peculation because an atrainse opposo much upter by no chart a time. To here class reculation would harmer the advancement of spinking. The State of Tengrupe, has a Borne low that is problette for the present communical five. Pilots should be hommed, plener imperted, from fable formed on the same basis as Profess and read prejects. Pedds should be lighted the same as the given are My present equipment is one Bregnet, a Steadard and a Dittly, my main work is softing or rather showing and satate

Should Pliere Legislate Themselves? I are your mark retenated in the stand the dairy are taking I take the stand of Mr. Varney of Peerls in regard to being revealated or being told whether or not I am able to t Because a was holds a pilot's increas does not signify that he I am very scory to any their we had a fitted crush in Figures on the cited of Jeanurry in which the possenger was killed.

What do you end the seet of the flying works say that we take the notice of legiclation in our eyes handed. The non-"To fety in Flying." Let ue touch tin public that we are enterprised to those enterprise and our nation while in the auand every field we have one of our own men to respect planes and not but OK apon a plane. If he sees nome default as the and the pilot will seen see the error of his ways and soon

I believe that if the book realized st. it would be found make commercial figure a perior becomes. The public would be for once withing to top with an if they know that we took no chances on scotling. If a pdot broke the yeles, he should be taken of the safety het far a certain length o

with him and he was substituted by month own reform. To liber, was to spin hom manipusched und on food strugged An organization of this type would not problem anyone fying in any scale of he was feel enough to dy in a plane after being told if was assess or ready for a cruck an age small it firsts the public to long every from mah a piece.

If a ween to going to tell himself by his own rechlemous eguishen one never step has There are too many other before going up in a place agreed which you ware warred or firmy with a pilot who might spen taking unaccounty element Let us play rate with the walkin and with neverton

Then the public wall play fair with as by netwesting us. We

do not need a government impostor to tell us all some pest of I am not writing thin from the standpoint of one of Co Oak well's "Hodoole". I own and ity on OX5 Jenny scrools. can for eviation in energy way but we off hove a head grind the public, so let us show the public that we age a clear that

Believes in Constructed Flying

February 15, 1926

How many stedents reald a limb to pay for staty or sannely hours fifting time before being presided to solo?

The student who small afford to may for that much firing perticied by a lat of unaccessory leve, will get eviction on

energed to have a good commercial figure field and then service papers with a process and to place to Robit.

Whaleheartedly Fewers Control regarding avertion control. I also favor otate have for axin-I think all simplement should be efficiently immeded and such

I hake a that a lot of the old surplease eight to be imported.

Federal Law the Only Salution

Flerida's new origina law is present enough for no to be and the transition of the control of figure and crace-country flying is compositively sale over the Printely sweet sirenit are inspecting in numbers every day but when such comer has to now \$773.00 per year. I see sirvid sixtraft prospects reft forget their enthasiasse.

A Suggested Among Bornlayory Bill

Thus at he a State hill, and may be supercared by the Gor-1 That makes as to certain alkinds over towns he had down 2. That there he a panelty for the violation of any part

4. That cash licensed pilet be given a commission in the 5. That the state makin of such state here on me service 6. That every efficial in connection with this hall be a That all pilets pass a flying test as to their skill with dead stok landings, spot landings to a corts, and shiftly to That all pricts be required to keep a log as to their

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13. That the print make a report of any socident and eruse 14. That all prints pass a medical excessions That all alcorate past a state preperties as to six acworkhams for whatever type of sorvice it is to be used.

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See the World at Hone

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February 15, 1926

New American Records

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LESS STREET, NAME AND ADDRESS OF

F. A. I. Meeting Federation of Accounting was held in Party on Jan II

er Arrevry. The recention has tently coulded to yearlier driving starts in flights for upond tests and other records. The next meeting will be held in Econe in October. Subm Years Primaring in the Debelorment of Commercial Assent has Produced The Swallow Time State You Asia Provinces Own ARCRAFT SALES CORP. Swallow Airolane Mfs. Company, Wichita, Kans.

> We Still Host Sout Assistant Tenutors Flore Freier to Adventure, Plant Mexico, 47147100

## The Pratt and Whitney Wasp Engine A New Radial Air-Cooled Engine of Very Low Weight Per Horsepower

A Teac Radial An-Looled Engine of Ferry Loc Weight Fer Horsepower

A ROENT issue of Aviative seminocentric was made. NKA roler berrings. As example finite is the appropriate of the semi-point of a state official radial strends of the earth wate on the side appoint to take to be determined.

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Thro-parts for Size of the Way series, sharing its Acadis majorite and Standard corbonies.

"It" rection to provide for visual importance of the material, which would not be possible such behind contracting. The

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Flor Friday in Adventions, Plans Meeting AFLATION

at the Port Office Department to Weshington until gags on The schedule to be adopted in either one will require on everage found speed of approximately 80 mmb. The Dehe possible. Proper elievence will be made in all much cases Contract, see limited by law to not encoding a four-year

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The Pratt and Whitney Wasp Engine as possible, emergent with purcedure, and demissis and

se sourced emount of cooling surface, both on the sykuder Thus effected another marken the regime to develop full party on demotic existing existing which is an expedited his the ongine at the year. On second of the main crush case exceptaction it has been possible to save supplicable The Water is existency often in external decree, and record it is independing to recell that work on the design of the summe horns surfer at Answer, 1825, and, within a period of

Quality - Strength - Performance



The American Eagle

February 15, 1926

Eday Pollonium, Almaniu Indonesia

On a particular day in Navember, Ma and Pa Engle, hitle home after a first of beby lumb. Safety-Frent, the I me ready to make my tried flight. My facebook has been The old lending gray wil work of you 'Fly dove to Derver?', seresched old men fincle, 'thef's the next place you could go. Why, don't your remember my resided you that story to Accept magnatus short some gays makes stryingers in Denrett York get and of them lifts, by force part Denret and larger denricolors and studies. his you and your mother'd have to lay enginer ago to re-"Ah, gove Poo", sephed firshty-First, "you know you those Decree shape any remed offer then femily and over house and they call 'on Englepode. Why shouldn't I be

"Will, there'd be no continue in this female, Befoly-Perry - Austen

Acctave UNITED STATES GOVERNMENT West for Information Berry - Austra Mid. Co. . States beland . N. S.

fiel saw you can make my record', replied Pew Segle set rage you can make my remon, region Pew Aega.

Sedim-Pint Issued acts sollies ofence, cerroing the enver

Diring this convention lettle did the Royle family onledge on the elff, not J. Don Alexander, panished of the here needed there long before the conversation elarged and were stationar dear Parthermore, he'de did the Engles no-stance competition if Don overheard them. But he did, he discoursed a rubber storage meet min the form of as Begle-resk tenderstark. "Eden No. 22,448,100" metered the sin-these measurisatures. "El speck to us the Engle-feesity the hele, with no one suspenting that enother chapter was Weeks perced by, such finally the day come-Derember 5, 1905.—for the messly free Eight to Decear Befuty-Free, in the absence of his melber and father, made a hura-

ALEXANDER EAGLITION N. T. M. M. S. L. A. D. Stor. No. 1, 1000 Stor. A. S. Stor. THE PARCE OF THE NEW MEMBER SHIP REMAINS AS Grund WHOCHELD ALLE WESTERS SEELING

1204 take off, gove her a little gan and cottled down to a record should to Denvey. Thouse word fine until he speed



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That's feet from the ground, Sudety-Parc's engage out out Sirver with a "com". Stayand and webbline, he tested Sirver with a "wase". Sharmed and webbang, or names to the sark and mak rate a related hours. Neel, good natured from Engle Houses. "Wet diggets, old becaused", and Not, as he belied Safety-First's facelage with he freedly ton-"The best told me about you but I didn't think you would come. Out up and come take has office, as you are going to teach me to fig." "Even it, but dog", washed Salietygoing to teach me to fig." "East it, but dog", washed Sadoty-Faret, "abov us the regule shop. Don't you see my wings are torn and my landing may to denses no where my conpeller ought to he? Go got the hour and tell him I've have

Not troud off, buried beauth the chief's window and some of the northest. Lifting finisty-First's head he found the Engineer's trademark and, in his glos, less those wards of encouragement to Stafety-First's care: "There up, Partnot, PI have our company ductor out out year appendit for that hart to your landing gong and give you the lab of And so we find Substr-Pont, the law American Tards removeding for the Absorption Englannes, the only summarshall

P.S -At this writing the hig day, Nod, is making ongolisties in Safety-First's office, in the year of the Amerali

Locaing Amphibian Sets World Record Form more records were captured by the United States when Limit George C. McDonald, from a Leoning Amphitum of Lengter Field, ex Jan. 23, breke the following conduct ma-Seed on 100 km with 100 km per land (100 km)

Seed of 100 km with 100 km per land (100 km)

Seed of 100 km with 100 km per land (100 km)

Linchtenant McDenald's speed was 170 km, på or 111 28

spå. The previous persond, held by Rody, and wen by Gulds Guill, was 114 715 m.p.b.

February 15, 1906

What is particularly interesting about the four records act brakes by a machine that is not only a congluse, but a land machine as well-on corpletions. Of source, in order to cash ify as a surplace, it was recessary for Lieutenant McDonald acolestally, you can sever fly! your valder's got hair on breaking fights. He first took on board a load of 1160 fb.philips, despite its heavy load, out off study with a run of NY SOL MAN, when you report the mark, was made With the development of amphibian, the question now arises

> the wen done, the Loreing Amphibian would have a fair shape of metacling most of their monote. Another Hawaiian Flight Being Planned Pleas for enother non-stop flight to the Hawana Idunds who made the first trip, may sak to be relieved as Aust 100 redor at the Bures of Acronation to that he may again

#### AIRPORTS AND AIRWAYS

Arkanasa Airmeet Development

February 15, 1926

The New Year in Arkanese opens with hight prospects for malitary and commercial accountries development. Through the united effects of the Plate officials, the Arkanous shapped of the National Ascessette Association and the Little Rock military and commercial ariation one of the first superts on

The enforcement of the grownt field by an oblition of nightedy scene, will provide, whos completed, as L-shaped field, each log being approximately 2000 ft. long-The makes evalishes as account escable of accomplating the harpent topon of military and commercial confit. The cothe stepast. Two groups of four regulation use fired-lights are bean installed to recycle for each landings. The airport is 15; tolks out of Felh and Main streets— the humann conter of Little Hock—and one in quaded in fine mendon by sola. The cety traction line in within easy walkdude of hen feet up them three rides is reflected to clear all

Approximately \$3,000.00 has been speed in grading, levellar, descript and otherwise preparing then field for the onpeople ficture use of the facilities. All work will be com-The need of such as alreast in this district and its fature reportance may well be paged by the fact that, though still mampleted, it is being espalarly used by Arreage personnel reampassed, it is many representations of the form the property of a series from the property of the form of the f This accres, being sandy the hypotenties of a right-engle to age, reduce the total distance by 160 gibo, as compared with the course via St. Lenis and Kansas City.

based, will have five reduced expetatory on the field at all times, in addition to the depot personnel and the loose several of warts in shoracy at the driest. Fully assisted machine shape, granitus, and and langur facilities will assure prompt Econs for consumered personal are available at the Officers Club, though kandly pronuncy water a number of the

leadour hotels offer an attractive reduced rate to victing swisof the leading restourants, offer their fordings to visiting

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and an a provide value for target the country is decreased and Mrs. Erner encount a wife even of the country and have

and found introduct crowds in ones the small town "While in Decree the weather terned very sold and

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Oneder of Price. We heated in Chever Field, Lore

Fast Flight From Florida to New York made a first flight from Jacksonville, Fig., to New York, so A map will be provided in the Law 18 he. This almost equaltablished as 1922, when he few from Pales Beach to Man Tech is II he M sun. Leadmant Proof carried four par-orgen on the flight. There were Earlest E Hear, Pos-rounce of Jacksonville, J. McPault of the Polder Oc.; J. W. Price and E. E. Yong, Jr., the latter two being Jack-

To Prison By Plane From Keep in porthern Bussin comes the news that an air

the history of aviation that princers have been taxasported by Airforges are now being creeted at Kure, on the periodent, and on Reducably Island. On account of you the winning and on popovelsky bland. On account or see, the wheel is included for the greater part of the year. Sugglapes will be used on the reads. Up to the present, communication with



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By W. R. Moder

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ablantage file fit is a manual test fire welfers to air wordeness to any mirraft whether they were engaged as intentate commerce or not, it would lead to the redding of the rules of regulation less thanks

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